

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/IB2005/050352

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G09F9/37 B81B3/00 B81B7/04 G02B26/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09F B81B G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 233 459 A (BOZLER ET AL) 3 August 1993 (1993-08-03) column 2, line 9 - column 8, line 55; figures 1-5 column 13, lines 14-68; figures 24-26	1,6-12, 14-16
A	US 5 475 318 A (MARCUS ET AL) 12 December 1995 (1995-12-12) column 3, line 47 - column 9, line 22; figures 1-12	1,2,14, 17
A	US 4 235 522 A (SIMPSON, GEORGE R ET AL) 25 November 1980 (1980-11-25) cited in the application column 2, line 25 - column 9, line 11; figures 1-12	1,6-9, 11,12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

11/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 241 507 A (C.R.F. SOCIETA CONSORTILE PER AZIONI) 18 September 2002 (2002-09-18) the whole document -----	1,6-9, 11,12

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Intern Application No
PCT/IB2005/050352

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5233459	A	03-08-1993	US	5959763 A	28-09-1999
			WO	9501624 A1	12-01-1995
			US	5784189 A	21-07-1998
US 5475318	A	12-12-1995	NONE		
US 4235522	A	25-11-1980	CA	1186897 A1	14-05-1985
			CA	1189557 A2	25-06-1985
			DE	2967187 D1	27-09-1984
			EP	0016787 A1	15-10-1980
			WO	8000103 A1	24-01-1980
EP 1241507	A	18-09-2002	IT	T020010250 A1	16-09-2002
			EP	1241507 A2	18-09-2002